

JUL 27 2004

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► FACSIMILE TRANSMITTAL SHEET ◀

TO: MAIL STOP ISSUE FEE

DATE: JULY 27, 2004

COMPANY: U.S. PATENT AND TRADEMARK OFFICE

FROM: EUGENE M. LEE, REG. NO. 32,039

FAX NUMBER: 703.872.9306

TOTAL NO. OF PAGES INCLUDING COVER: 26

OUR REFERENCE NUMBER: 259/010 CIP

In re the Application of

Sang-Young KIM

Allowed June 30, 2004/
Previously Pending in
Art Unit: 2827

Serial No. 10/032,478
Filed: January 2, 2002

Examiner: Jeremy C. Norris
Confirmation No. 5586

For: BALL GRID ARRAY ATTACHING MEANS HAVING
IMPROVED RELIABILITY AND METHOD OF
MANUFACTURING SAME

Transmitted herewith is/are

- Request for Acknowledgment of Entry of Previously Submitted Information Disclosure Statement under 37 C.F.R. §1.56 w/attachments (Copy Form PTO-1449) (modified) & postcard receipt of 1/2/2002
- Letter Forwarding Reference from Related Application, PTO/SB/08A & Copy US 5,868,855

Return receipt, via facsimile [to 703.525.4265], of the above-referenced document(s) is hereby requested.

THE INFORMATION CONTAINED IN THIS FACSIMILE IS INTENDED FOR THE NAMED RECIPIENTS ONLY. IT MAY CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION, AND IF YOU ARE NOT AN INTENDED RECIPIENT, YOU MUST NOT COPY, DISTRIBUTE OR TAKE ANY ACTION IN RELIANCE ON IT. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY FACSIMILE OR BY CALLING (703) 525-0978 OR BY E-MAIL (info@lcc-iplaw.com), AND RETURN THE ORIGINAL TO US BY MAIL. WE WILL REIMBURSE YOU FOR THE POSTAGE.

LEE & STERBA, P.C.

Attorney Docket No. 259/010 CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Sang-Young KIM

*Allowed June 30, 2004/**Previously Pending in*

Art Unit: 2827

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Examiner: Jeremy C. Norris

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For: BALL GRID ARRAY ATTACHING MEANS HAVING IMPROVED
RELIABILITY AND METHOD OF MANUFACTURING SAME**REQUEST FOR ACKNOWLEDGMENT OF ENTRY OF PREVIOUSLY SUBMITTED
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

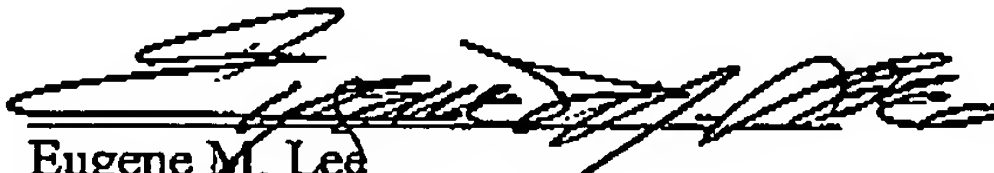
An Information Disclosure Statement ("IDS") was timely filed on January 2, 2002. A copy of the receipt card bearing the USPTO mailroom date stamp, evidencing the timely filing of the IDS, is attached. Copies of all references, including an English language abstract for JP 10-209591 were submitted.

A copy of Form PTO-1449 (modified) was returned to counsel with the Office Action dated May 22, 2002. All references, except for JP 10-209591, had been initialed by the Examiner indicating consideration and entry of same.

Applicant respectfully requests that JP 10-209591 be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609. For convenience, a duplicate copy of JP 10-209591 is also enclosed.

For convenience, a duplicate copy of Form PTO-1449 (*modified*) is also attached.

Respectfully submitted,

July 27, 2004
Date
Eugene M. Lee
Registration No. 32,039

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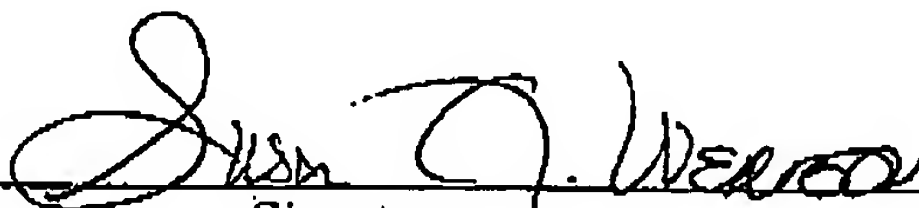
DEPOSIT ACCOUNT CHARGE AUTHORIZATION

If fee payment is enclosed, this amount is believed to be correct. However, the Director is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-1645.

Any additional fee(s) necessary to effect the proper and timely filing of the above-paper may also be charged to Deposit Account No. 50-1645.

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on July 27, 2004.



Signature

Susan G. Werbow

Name of Person Signing Certificate

The Law Offices of Eugene M Lee, PLLC

259/010 CIP

The "Received" stamp of the U.S. Patent & Trademark Office hereon acknowledges receipt of the accompanying Patent Application of Sang-Young KIM; Ho-Jeong MOON; Dong-KIL SHIN; Seung-Kon MOK

for BALL GRID ARRAY ATTACHING MEANS HAVING IMPROVED RELIABILITY AND METHOD OF MANUFACTURING SAME

Including:

XX Specification, Claims & Abstract (20 pages, including 18 Claims); 3 sheets drawing depicting Figures 1-6, inclusive; Executed Declaration

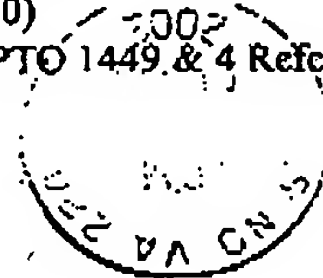
XX Assignment with Recordation Form Cover Sheet

XX Check No. 5848 (\$864.00)

XX Information Disclosure Statement w/Form PTO 1449 & 4 References

Other

EMLee



Jc821 U.S. PTO
10/032478
01/02/02

Sheet 1 of 1

FORM PTO 1449 (modified)	ATTY DOCKET NO. 259/010 CIP	SERIAL NO.
U.S. DEPARTMENT OF COMMERCE	APPLICANT Sang-Young KIM et al	
	FILING DATE January 2, 2002	GROUP 2927

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QJZ	6,122,177	9/19/2000	KITANO ET AL			

10/032478
10/032478
10/032478

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
10-209591	8/7/1998	JAPAN			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

QJZ		"Double Sided, 4Mb SRAM Coupled Cap PBGA Card Assembly Guide". Application Note, International Business Machines, pp. 1-11, (2/98)
QJZ		"MicroStar BGA™ Packaging Reference Guide". Texas Instruments, Literature Number: SSYZ015A, Second Edition, (September 1999) [18 pages]

EXAMINER Jeremy Norris	DATE CONSIDERED 5-17-02
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/032,478
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Filing Date	January 2, 2002
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First Named Inventor	Sang-Young KIM
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Art Unit	2827
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Examiner Name	Jeremy C. Norris
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Attorney Docket Number	259/010 CIP
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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.